

Serial No.: 09/809,427

On page 4, second paragraph, please replace the paragraph with the following:

--Similarly, the handsets 11 and 21 include low speed (typically 100 kilobits/sec) transceivers 12 and 22, aerials 13 and 23, high-speed transceivers 14 and 24 (typically 1,000 to 11,000 kilobits/sec), aerials 15 and 25, and processors 16 and 26 respectively. The transceivers 2, 12 and 22 being slow-speed cellular telephone transceivers, are incapable of supporting high-speed data communications such as video streaming.--

R E M A R K S

The specification has been amended to cure obvious errors on page 4. Entry is in order.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Date: April 19, 2001

Referring to the drawing, a piconet is constituted by the handsets 1, 11 and 21 of the users of three mobile 'phones. The handset 1 includes a ~~low~~^{high}-speed (typically ~~1001,000 to 11,000~~ kilobits/sec) transceiver 2 and an aerial 3 for communication with the base station 31 of a cellular mobile telecommunications network. The handset 1
5 also includes a ~~high~~^{low}-speed transceiver 4 (*typically 1,000 to 11,000 kilobits/sec*) and an aerial 5 for communication with the handsets 11 and 21 (and with the handset of any other user which enters the piconet). The piconet uses the wireless networking protocol IEEE802.11, and so can accommodate a large number of users. The handset 1 also includes a processor 6 which is programmed in the manner described below.

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Similarly, the handsets 11 and 21 include ~~low~~^{high}-speed (typically ~~1001,000 to 11,000~~ kilobits/sec) transceivers 12 and 22, aerials 13 and 23, ~~high-speed~~ transceivers 14 and 24 (*typically 1,000 to 11,000 kilobits/sec*), aerials 15 and 25, and processors 16 and 26 respectively. The transceivers 2, 12 and 22 ~~being~~^{are} slow-speed (~~typically 100~~
15 ~~kilobits/sec~~) cellular telephone transceivers, which are incapable of supporting high-speed data communications such as video streaming.

A service provider 32 is provided for handling the provision of a high data rate service such as video streaming. The content for this service is provided by a server 33 linked
20 to the service provider 32 by a line 34. The service provider 32 contains a processor 35 which controls the provision of the high data rate service to the base station 31.

In the embodiment being described, more than three users would be needed to provide a reliable video streaming service. The principle of providing such a service is, however,
25 the same no matter how many users are co-ordinated (in the manner described below) in the piconet.

Thus, assuming that the user of the handset 1 wants to be provided with a high data rate service which cannot be carried by the slow-speed communications link provided by the
30 cellular mobile telecommunications network, the handset uses its programmed processor 6 to initiate a call to the service provider 32, via the base station 31 over the slow-speed communications link, from itself and the handsets 11 and 21. The address